

# Mussun Memo

Mussun Sales, Inc

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## Titus VAV Valve Packages

In today's age of advancing technology and increasing energy Efficiency demands, the importance of efficient hot water Variable Air Volume (VAV) boxes in modern building systems cannot be overstated. With an ever-growing emphasis on seamless installation and optimized performance, Titus Introduces the Titus ESV-VP. This product promises to stream-line the installation process and provide increased performance.

In the fast-paced world of building systems, time is invaluable. The ESV-VP understands this, offering unmatched flexibility in control options, construction choices, and valve package configurations. Every feature is designed with the intent of saving precious, minutes if not hours, during installation.

The Titus ESV-VP is a testament to how innovation can seamlessly merge with economic sensibility. With its pre-installed components, It brings forth a proposition that is hard to refute-top notch efficiency, consistent quality, and commendable cost savings.



### 2-WAY, 2-POSITION CONTROL VALVE

- » Taco Zone Sentry
- » Normally closed
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Connection: Sweat
- » Pressure Rating (psig): 300
- » Temp Rating (F): 135
- » Cv: 4.9
- » Max Close-Off Pressure, Std. (psig): 125
- » Tool-less actuator removal
- » Power Consumption, Charging (W): 11.4
- » Power Consumption, Power On (W): 1.44



### 3-WAY, 2-POSITION CONTROL VALVE

- » Taco Zone Sentry
- » Normally closed
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Connection: Sweat
- » Pressure Rating (psig): 300
- » Temp Rating (F): 135
- » Cv: 1.5
- » Max Close-Off Pressure, Std. (psig): 125
- » Tool-less actuator removal
- » Power Consumption, Charging (W): 11.4
- » Power Consumption, Power On (W): 1.44



### 2-WAY, 3-POINT FLOATING CONTROL VALVE

- » Johnson Controls VA9104 & VG1271
- » Fail in place
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Connection: Sweat
- » Pressure Rating (psig): 300
- » Temp Rating (F): 200
- » Cv: 2.0
- » Max Close-Off Pressure Operating Mode (psig): 50
- » Power Consumption: 1VA



### 3-WAY, 3-POINT FLOATING CONTROL VALVE

- » Johnson Controls VA9104 & VG1871
- » Fail in place
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Connection: Sweat
- » Pressure Rating (psig): 300
- » Temp Rating (F): 200
- » Cv: 2.0
- » Max Close-Off Pressure Operating Mode (psig): N/A
- » Power Consumption: 1VA



### MANUAL BALL VALVE WITH MEMORY STOP

- » Nexus NXS
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Ball: Hard chrome plated
- » Seats: Teflon
- » Stem Seal: (2) Viton O-Rings
- » Connection: Sweat
- » Pressure Rating (psig): 600
- » Temp. Rating (F): 325
- » Cv: 17



### AUTOMATIC FIXED FLOW CONTROL

- » Hays 2517
- » Nominal Size: 1/2"
- » Body Material: Brass
- » Connection: Sweat
- » Pressure Rating (psig): 600
- » Temp. Rating (F): 220
- » Cv: Variable With Inlet Pressure



### BLOW DOWN VALVE

- » Nexus BD
- » Nominal Size: 1/4"
- » Body Material: Bronze
- » Connection: MPT
- » Pressure Rating (psig): 600
- » Temp Rating (F): 200



### UNIONS

- » Nibco 733
- » Nominal Size: 1/2"
- » Body Material: Bronze/Copper
- » Connection: Sweat
- » Pressure Rating (psig): 500
- » Temp Rating (F): 200



### Y-STRAINER

- » Nexus YSS
- » Nominal Size: 1/2"
- » Body Material: Forged Brass
- » Connection: Sweat
- » Pressure Rating (psig): 600
- » Temp Rating (F): 325
- » Screen: 20 Mesh Stainless Steel



### PRESSURE/TEMPERATURE TEST PORT

- » Nexus PT
- » Nominal Size: 1/4"
- » Body Material: Brass
- » Connection: MPT
- » Pressure Rating (psig): 400
- » Temp Rating (F): 200

Please contact your Mussun Sales Representative for more information.